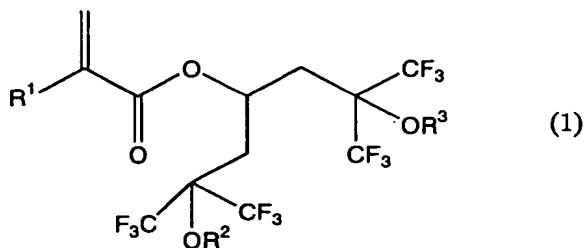


## CLAIMS

1. A polymerizable acrylate compound represented by the general formula (1):

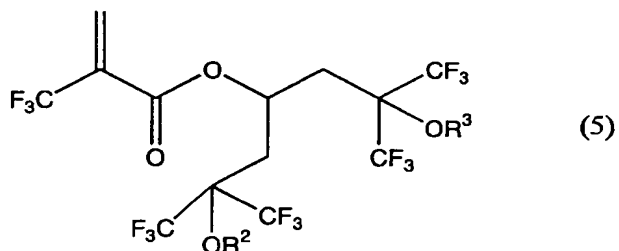
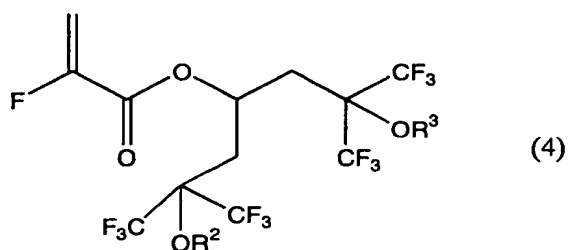
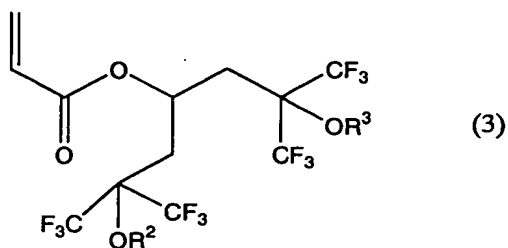
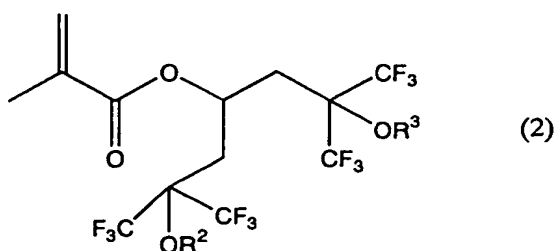


(in the formula, R<sup>1</sup> represents a hydrogen atom, halogen atom, hydrocarbon group or fluorine-containing alkyl group, R<sup>2</sup> and R<sup>3</sup> may be different or identical, and each of them independently is a hydrogen atom, fluorine atom, hydrocarbon group optionally branched, fluorine-containing alkyl group, aromatic group, or cyclic structure containing an aliphatic group and may contain oxygen or carbonyl bond).

2. A polymerizable acrylate compound according to claim 1, which is characterized in that each of the hydrocarbon group and the fluorine-containing alkyl group has a carbon number of 1-20.

3. A polymerizable acrylate compound according to claim 1, which is characterized in that each of the hydrocarbon group and the fluorine-containing alkyl group has a carbon number of 1-4.

4. A polymerizable acrylate compound according to claim 1, which is characterized by being represented by any one of the general formulas (2) to (5),



5 (in the formulas  $R^2$  and  $R^3$  are defined as in the general formula (1)).

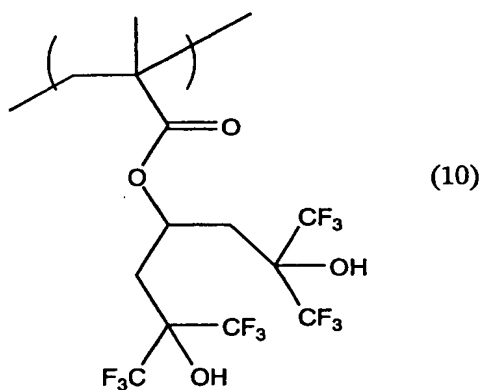
5. A polymerizable acrylate compound according to any one of claims 1 to 4, which is characterized in that each of  $R^2$  and  $R^3$  of the general formula (1) is a hydrogen atom.

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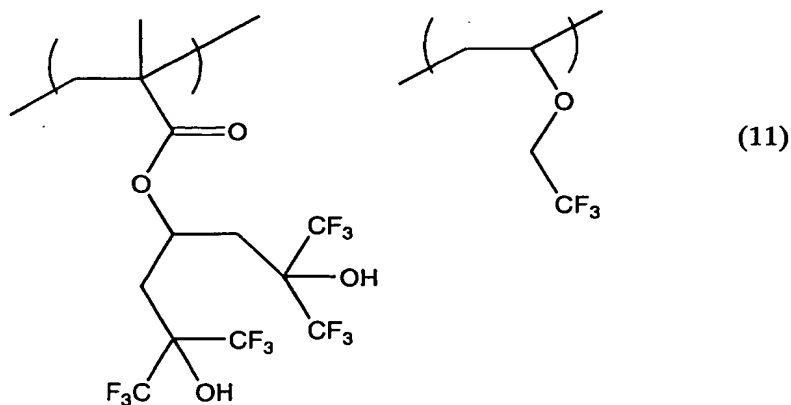
6. A polymer compound obtained by a polymerization or copolymerization using a polymerizable acrylate compound according to claim 1.

7. A polymer compound according to claim 6, which is characterized by being obtained by a copolymerization with at least one monomer selected from olefins, fluorine-containing olefins, acrylic esters, methacrylic esters, fluorine-containing acrylic esters, fluorine-containing methacrylic esters,  
 5 norbornene compounds, fluorine-containing norbornene compounds, styrene compounds, fluorine-containing styrene compounds, vinyl ethers, and fluorine-containing vinyl ethers.

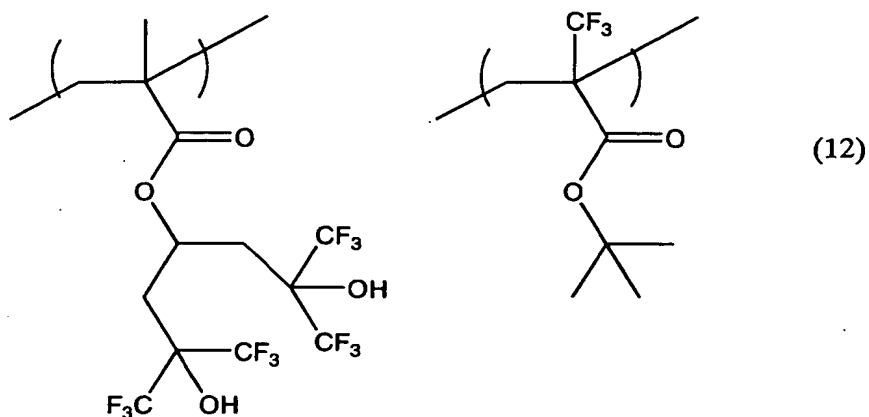
8. A polymer compound according to claim 6, which is characterized by  
 10 containing a unit represented by the following formula (10).



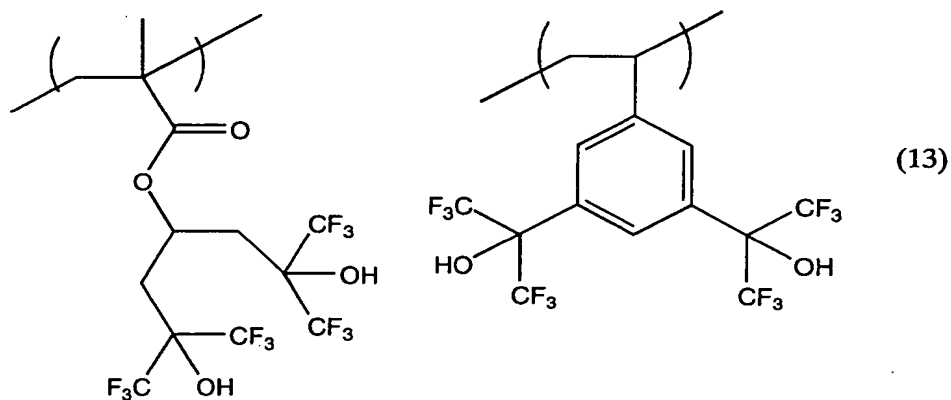
9. A polymer compound according to claim 6, which is characterized by containing two units represented by the following formula (11).



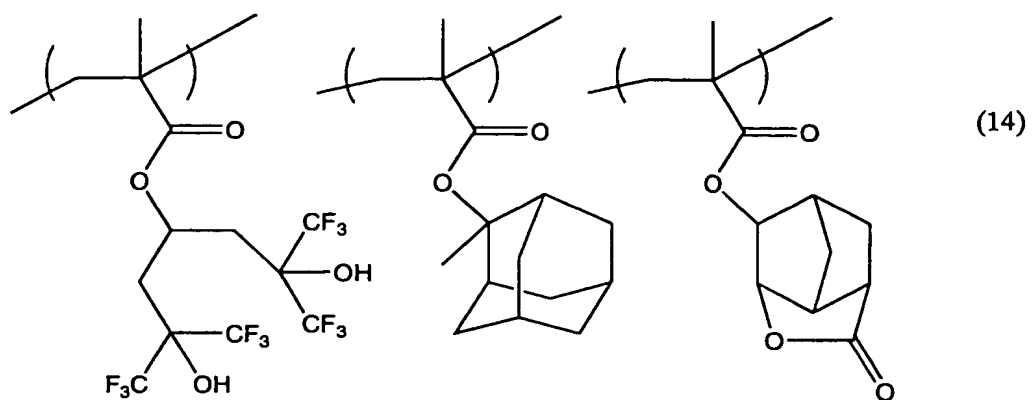
10. A polymer compound according to claim 6, which is characterized by containing two units represented by the following formula (12).



5 11. A polymer compound according to claim 6, which is characterized by containing two units represented by the following formula (13).



12. A polymer compound according to claim 6, which is characterized by  
10 containing two units represented by the following formula (14).



13. A polymer compound according to claim 6, which is characterized by containing two units represented by the following formula (15).

